

Abstract of the Disclosure

An imaging apparatus including at least an imaging device having a plurality of photoelectric transfer devices arranged in matrix-shape to detect a light irradiated to each photoelectric transfer device and transfer to electric signal, and imaging means for imaging an image of a photogenic object on a surface of the imaging devices. The imaging means images at least two similar images of the photogenic subject on different area of the surface of the imaging device, and the imaging apparatus further includes electric signal processing means to form one image of photogenic subject from at least two images of photogenic subject. Since a plurality of images of photogenic subject can be formed on the imaging device by a plurality of image formation lenses, a thinner imaging apparatus can be realized.